Ravi Kiran Lagisetty

kiranlravi8@gmail.com
Bachelor of Technology, Computer Science and Engineering

Kalasalingam Academy of Research and Education, KrishnanKoil

+91-9392701968
CodeChef
College email
GitHub
LinkedIn

CAREER OBJECTIVES

A logical ability person with a solid understanding of Python, Java, Prompt Engineering, interpersonal, collaboration, and communication abilities, time management. I am expertise in Machine Learning anddeep learning algorithms and develop predictive model and optimize the models to get good accuracy and speed Searching for an entry-level position in IT business to begin my career.

EDUCATION

Degree	Institute	Board / University	CGPA/Percentage	Year
B. Tech CSE(Pursing)	Kalasalingam Academy of Research and Education, Krishnankoil	University	9.04	2021-2025
12th Class	Rao's Junior College	State Board	933/1000	2019-2021
10th Class	Good Shepherd English Medium School, Nandyal	State Board	9.7	2018-2019

EXPERIENCE

- **Zetpeak Company** *July 2023 - October 2023*
  ARTIFICIAL INTELLIGENCE RESEARCHER Swathantra Nagar, Krishnarajapura, Bengaluru, Karnataka 560049
  – Project: Voice Based Device Control Research
  – Analyzed how the voice-based devices will work.
  – Developing a ML model to achieve the voice output

- **Oasis Infobyte** *April 2023 - May 2023*
  Java Developer Remote
  – Developed and implemented Java applications, incorporating data structures and algorithms to optimize program efficiency and enhance user experience.
  – GitHub

WORKSHOPS

- **Android Workshop**
  - An Android Workshop attended by GDSC KARE.
  - Developed a Basic Whether Application
  - Skills: Kotlin.
  - Platform: Android Studio

PROECTS

- **Voice Guided Object Detection** *Github*
  Aug 2023 - Oct 2023
  - Developed an AI Model of Voice Guided Object Detection using Yolov3 and gtts.
  - Integrated with ESP32 Cam Module for the Hardware Collaboration.
  - Further in future the project will be developed into Product as cap.

- **One Health** *Github*
  Nov 2023 - Dec 2023
  - Developed a Deep Learning Model for the Breast Cancer, Skin Cancer, Diabetic Retinopathy Detection using X-rays
  - Here the Image dataset is taken and done preprocessing of the data.
  - Developed a Customized MobileNet v2 Model for the training and testing the Model and saved the best Model.
  - Integrated the saved models using flask for the interactive webpage and developed a Static Webpage.

- **Stroke Prediction based on Patient Data** *Github*
  Feb 2022 - Mar 2022
  - Firstly, Collected the Dataset which contains the parameter of the Stroke.
  - Pre-processed the dataset and used the pre-processed data for the Machine Learning Model Pipeline
  - The Machine Learning Model Pipeline Model is developed for Choosing the best Machine Learning Model and Saved the Model.
  - The saved model is integrated with the Flask and developed a static website.
  - The input is taken as parameters of patient data and Output is Predicted based on the Parameters where there is a Stroke or Not.

- **MicroHub** *Link*
  Jan 2024 - Mar 2024
  - This Project is an Inhouse Project for our CSE Department
  - A user-friendly website is about the Microproject Registration and Submission Portal for the Students, Faculty, Coordinator.
  - This is a Full Stack Web Application where Bootstrap, CSS, JavaScript is used as Frontend and PHP as server script, MySQL is used as Database
  - This Project is made with the team of 4 Peoples where my role is regarding the Maintance and Updating the database.

TECHNICAL SKILLS

- **Programming Languages**: Python, Java, Flask & MySQL.
- **Libraries**: Pytorch, Open CV, Tensorflow, Keras, rdvac6(Own Library).
- **Tools and Frameworks**: Jupyter, Visual Studio & NetBeans
- **Operating Systems**: Windows
- **Personal Skills**: Communication Skills, Time Management, Leadership, Team Management.

KEY COURSES TAKEN

- **CSE:** Introduction to Python, Object Oriented Programming in Java, Data Structures and Algorithms, OperatingSystem, Database Management System, Numerical Methods
- **Minors in Robotics and Robotic Applications (Pursing):** Introduction to Robotic and Robotic Applications, Wireless Sensors and Networks, Industrial Automation and Robotics.
- **PwC Launchpad 2024 (Pursing):** IT Fundamentals, RDBMS, Programming Fundamentals (Python), Data Engineering

CERTIFICATIONS

- **Oracle Cloud Infrastructure 2023 Certified Data Science Professional** Oracle University
- **Python(basics)** HackerRank
- **OpenCV for Python Devolpers** LinkedIn
- **Computer Vision in Microsoft Azure** Coursera

POSITIONS OF RESPONSIBILITY

- **Project Coordinator**, Kare OSS, Kalasalingam Academy of Research and Education *June. 2023 – December 2023*

ACHIEVEMENTS

- **2nd place in INNVO CODE Hackathon**, Hackathon on Medical Diagnosis *2023*
- **1st place in IBM Poster Presentation**, Poster on Breast Cancer Classification *2022*
- **6th place in IEEE Paper Presentation**, Paper on Breast Cancer Classification *2023*
- **4th place in Software Freedom Festival**, Project Based on Object Detection *2023*

PUBLICATION

- **Breast Net: Design and Evaluation of a Deep Learning model for recognizing Breast Cancer from Images** IEEE *2022*
- **Voice Guided Object Detection** IEEE *2023*

DECELERATION

I hereby certify that the above given data are true and correct to the best of my knowledge and belief.

L. Ravikiran

Place: Krishnankoil, Tamil Nadu
Date: March 10, 2024 **Signature**